

## Computer Networks at USD411

There seems to be a need for some “education” about the network at USD411. After reading this paper you should understand how the computer network operates.

There are two networks at USD411. Let’s call them the Novell and the Internet.

Novell allows users to have file and print services. Novell allows you to save information on a “drive” or a drive letter outside of the computer you are operating. These files are stored on heavy duty computer designed for such a task. The information is also backed up and made redundant. It is very secure. Very few Novell servers have ever been hacked or broken into. In addition, Novell also features print services which we use in the High School but do not use in the grade school. Printing services allows for centralized printing.

The Internet allows you to surf the web and operate independent network programs. For instance, GroupWise is a Novell product but operates through the internet. You do not have to be logged into Novell to use GroupWise. You can get to Go Edu using the internet without being logged into Novell.

This is where the confusion comes from for many users. “I am getting on the internet but I do not have an “H” drive, or I cannot get to a common drive.” The solution is a box on the log in screen called: **“Workstation only.”**

### How To (Using a wired network connection)

When you login determines if you are going to the internet or including Novell. We are all familiar with the login box that appears on the screen when you first login. There is a box in the lower left hand corner that says **“Workstation only.”** That is the controlling box as to what happens when you login.

If you check **“Workstation only”** you will log into your computer in front of you and prepare to log into the internet. When you go onto the internet using your browser, you will be asked to login or authenticate. You have no Novell services.

If you do not check **“Workstation only”** you will log into your computer in front of you, prepare to log into the internet and log into Novell. That is when you will get your “H” drive and all the other drives that are mapped to you.

### How To (Wireless Connection)

With a wireless connection, there are some differences because of the nature of technology. You first must login to your workstation by checking the box that says **“Workstation only.”** Once that is done, a connection must be established with an wireless access point. You are now

prepared to operate on the internet but not on Novell. By clicking on the big “N” on your computer (if you do not have one, I can tell you how to get one) and then log into Novell. Students do this all the time in the High School and Grade School. Then you will have Novell services

### **How To (At Home)**

You will want to just log into your computer at home. You first must login to your workstation by checking the box that says “**Workstation only.**” At this point, because you are at home, you do not have access to Novell services. But, you can operate you computer on your internet connection.

*Proxy: Remember, if you are at home, you must go to your browser (Internet Explorer or FireFox) and connection directly to the internet without the use of the proxy we use here at USD411. Then you have to remember to turn on the proxy again when you get to work or you will not be getting on the internet from USD411. If you need help knowing how to do that net me know and I will prepare instructions.*

### **Logging Out**

The proper way of logging out of your computer and both networks is to press **Control-Alt-Delete** (Ctrl-Alt-Delete) at the same time. Then select “Logout” and you will be properly logged out of Novell and the internet. Then you may “Shutdown” your computer. This is the proper way of logging out of the system.